

Nominee: Pluribus Networks

Nomination title: Pluribus Networks Netvisor

We built the first network hypervisor.

By virtualizing the switch, Pluribus built a distributed control plane, allowing control of the network in the microsecond range, and leveraging open-source technologies.

This was very hard to do, and the IP is as deep (or deeper) than the IP behind VMware a decade ago.

What VMware brought to the server – efficiency, manageability, visibility, lower TCO – we bring to the network.

And this network virtualization is critical to realizing the promise of density-optimized server deployments / microservers, as well as realizing the promise of OpenStack.

Why nominee should win

1)The Netvisor, our network hypervisor, is the first and only bare-metal, distributed network hypervisor operating system for the convergence of compute, network, storage and virtualization based on open compute and open networking technologies.

2)It provides IT with a single point of visibility into the network, looking at the network as a single entity rather than as a series of separate pieces. The Netvisor runs on both our Network Computing Appliances and Server-Switches.

3)Our server-switches, designed to bring server-like programmability and high-performance to the top-of-rack while following the commodity pricing curve are different than white-box switches running isolated instances of a network OS.